

What is claimed is:

1. A coextrusion tie comprising:

- 10 to 35 weight% of a polymer (A) comprising a blend of 80 to 20 weight% of a metallocene polyethylene (A1) with a density of between 0.865 and 0.915 and of 20 to 80 weight% of a non-metallocene linear low density polyethylene (LLDPE) (A2), the blend of polymers (A1) and (A2) being cogenerated by a grafting monomer selected from unsaturated carboxylic acids and their derivatives, said blend comprising between 30 and 100,000 ppm of said grafting monomer;
- 40 to 60 weight% of a styrene/butadiene/styrene block copolymer (B) with 50 to 90 mol% of styrene,
- 20 to 35 weight% of PE (C);

the total making 100%, the blend of (A), (B) and (C) being such that the MFI or melt flow index (ASTM D 1238, 190°C, 2.16 kg) is comprised between 0.1 and 10 g/10 min.

2. The tie according to Claim 1, characterized in that the density of (A2) is between 0.900 and 0.950.

3. The tie according to Claim 1, characterized in that the blend of polymers (A1) and (A2) comprises between 600 and 5 000 ppm of said grafting monomer.

4. The tie according to Claim 1, characterized in that the grafting monomer is maleic anhydride.

5. The tie according to Claim 1, characterized in that the PE (C) has a density of between 0.870 and 0.935.
6. The tie according to Claim 1 characterized in that the PE (C) comprises an LLDPE or a metallocene PE.
7. A multilayer structure, comprising a layer (L) comprising the coextrusion tie of Claim 1 and a layer (E) directly attached to one of the two faces of said layer (L), said layer (E) being a layer of polystyrene homo- or copolymer.
8. The multilayer structure according to Claim 7, characterized in that a layer (F) is directly attached to the second face of the layer (L), the layer (L) being sandwiched between the layers (E) and (F), the said layer (F) being either a layer of polymer selected from the group consisting of polyamides, aliphatic polyketones, saponified copolymers of ethylene and of vinyl acetate (EVOH), polyethylenes, polyesters and polystyrenes, or a metal layer.
9. An object comprising a multilayer structure according to Claim 7.